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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2
[PART III—SECTION 2]

(रक्षा मंत्रालय को छोड़कर) भारत सरकार के मंत्रालयों और उच्चतम न्यायालय द्वारा जारी की गई सरकारी अफसरों की नियुक्तियों, पदोन्नतियों, छुट्टियों आदि से सम्बन्धित अधिसूचनाएं

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The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

22nd January, 1986

44/Cal/86. Westinghouse Electric Corporation. Improvements in or relating to electrical inductive apparatus.

45/Cal/86. Westinghouse Electric Corporation. Improvements in or relating to UV curable high tensile strength resin composition.

46/Cal/86. Westinghouse Electric Corporation. Improvements in or relating to a magnetic core and methods of consolidating same.

47/Cal/86. NL Industries, Inc. System for simultaneous Gamma-Gamma formation density logging while drilling.

48/Cal/86. NL Industries, Inc. Data processing filtering method apparatus

49/Cal/86. Oberview Pty. Limited. Production of prints.

23rd January, 1986

50/Cal/86. The Jacobs Manufacturing Company. Tool Holder.

51/Cal/86. (1) Nauchno-Issledovatelsky Institut Experimentalnoi; Meditsiny Akademii Meditsinskikh Nauk SSR, (2) Vsesojuzny Kardiologich Esky Nauchny Tsentr Akademii Meditsinskikh Nauk SSSR. Salts of N, N'-bis (SS-Phenylisopropyl) polymethylenediamines, process for preparing them, and Hypotensive and antiarrhythmic Medical Preparation based thereon.

52/Cal/86. Institut Sverkhtverdykh Materialov Akademii Nauk Ukrainskoi SSR. Contrivance for High-Temperature compacting of diamond-or cubic boron nitride-base composite material.

24th January, 1986

53/Cal/86. Sulzer Brothers Limited. Device of use in a weaving machine for storing filamentous material for picking. (Convention dated 29th January, 1985) Great Britain.

27th January, 1986

54/Cal/86. Badal Chandra Podder. Natural Insecticide.

55/Cal/86. Badal Chandra Podder. Fire proof and airconditioning system house for villager.

56/Cal/86. Metacon AG. Procedure to start a continuous casting plant.

57/Cal/86. Proizvodstvennoe Geologicheskoe Obiendinenie Tsentralnykh Rajonov "Tsentrgeologia". Feeder of loose materials.

58/Cal/86. Firet B.V. Use of a fibrous web incorporating microspheres for preparing reinforced objects, reinforced objects, and method of making a fibrous web incorporating microspheres.

59/Cal/86. Gray Tool Company. Fail-safe valve Actuator.

28th January, 1986

60/Cal/86. The Population Council Inc. Method and product for enhancing circulating antibody response.

61/Cal/86. Vijay Kumar Paul. A range setting device.

62/Cal/86. The Babcock & Wilcox Company. Variable capacity barge and method of increasing barge capacity.

63/Cal/86. ADI Limited. Bulk volume fermenter provided with a cover and gas collection system.

(Convention dated 14th January, 1985) Canada and (Convention dated 6th December, 1985) U.S.A.

29th January, 1986

64/Cal/86. Sureka International. A Cockroach Trap.

ALTERATION OF DATE

157345. Anted dated to 8th May, 1980. (1409/Cal/83)

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 9-F; 31-C. 157308

Int. Cl. : B 01 j 17/30, 17/34, 17/36.

A METHOD OF MAKING AN IMPROVED PHOTORESPONSIVE AMORPHOUS GERMANIUM-BASED ALLOY.

Applicant : ENERGY CONVERSION DEVICES, INC., OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN, UNITED STATES OF AMERICA.

Inventors : 1. STANFORD ROBERT OVSHINSKY. 2. DAVID ADLER.

Application No. 1002/Cal/81 filed September 7, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 197) Patent Office, Calcutta.

12 Claims

A method of making an improved photoresponsive amorphous germanium-based alloy, said method comprising establishing a glow discharge in a mixture that contains fluorine and germanium in a gaseous state to deposit a germanium alloy containing fluorine as a density of states reducing element and introducing into said alloy an adjusting element as described herein that alters the band gap energy of said alloy without substantially increasing the quantity of states in the band gap.

Compl. Specn. 51 pages, Drgs 3 sheets.

CLASS : 39-B; 40-F. 157309

Int. Cl. : C 01 d 1/06.

AN IMPROVED ELECTROLYZER FOR THE PRODUCTION OF CHLORINE AND CAUSTIC ALKALIES.

Applicant : UHDE GMBH, DEGGINGSTR. 10-12, 4600 DORTMUND 1, FEDERAL REPUBLIC OF GERMANY.

Inventors : HELMUTH SCHURIG, 2. HELMUT SCHMITT.

Application No. 961/Cal/82 filed August 18, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

3 Claims

An improved electrolyzer for the production of chlorine and caustic alkalides comprising a cell housing and at least one set of electrodes which consists of a multipart anode and a multi-part cathode, anode and cathode being separated by a diaphragm or membrance permeable to ions, including facilities for feeding electrolyte and withdrawing the electrolysis products as well as the means for conducting the electric current, characterized in that each anode and cathode consists of a flat element (4, 5) permeable to gas and liquid and of a support structure (6, 7) of which one support component (6) is a rigid pressure plate and the other one a flexible pressure plate of construction which ensures increased contact area of reduced resistance to current flow in said membrane.

Compl. Specn. 6 pages. Drgs. 3 sheets.

CLASS : 32-F_2 c. 157310

Int. Cl. : C 07 c 127/00, 127/02.

PROCESS FOR THE SYNTHESIS OF UREA.

Applicant : AMMONIA CASALE SA, VIA RIVA A. CACCIA 1 LUGANO 6900 SWITZERLAND.

Inventor : 1. UMBERTO ZARDI.

Application No. 985/Cal/82 filed August 25, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

6 Claims

A process for the production of urea by reacting ammonia and carbon dioxide in a high-pressure and high-temperature reaction space and with a high ammonia excess, in which process the product of the condensation reaction consisting, in addition to urea, of carbamate, water and unreacted compounds, undergoes a two-step stripping treatment in a manner known per se to separate the carbamate and unreacted compounds and recycle them to the recation space, characterized in that the said reaction being carried out in two zones in series each having different NH_3/CO_2 ratio as herein described, the stream of reactants (NH_3 +CO_2) leaving the second treatment step is recycled, after partial condensation, to the first of the two reaction zones, while at least part of the gas stream (NH_3 + CO_2) leaving the first treatment step is recycled directly to the second reaction zone, the effluent streams from both the first and the second treatment steps being controlled so as to ensure optimal NH_3/CO_2 ratios and temperatures in the two reaction zones.

Compl. Specn. 17 pages. Drg. 4 sheets.

CLASS : 32-A_1. 157311

Int. Cl. : C 09 b 31/04.

PROCESS FOR PREPARING WATER-SOLUBLE DISAZO COMPOUNDS.

Applicant : HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

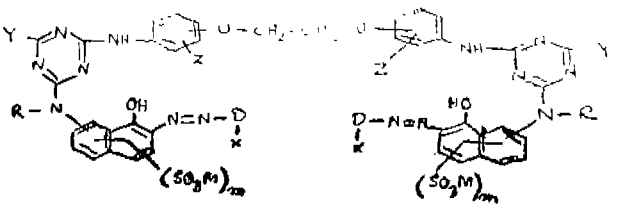
Inventor : 1. HERMANN FUCHS.

Application No. 1016/Cal/82 filed September 1, 1982.

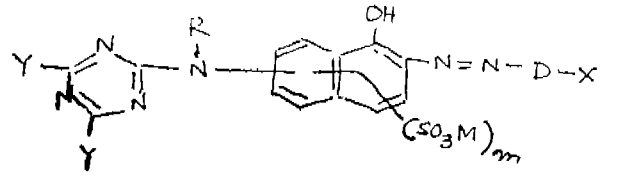
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

10 Claims

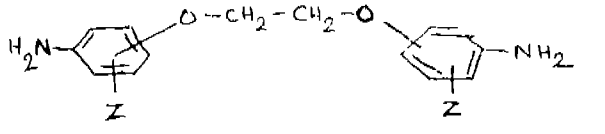
A process for preparing a water-soluble, symmetrical disazo compound of the general formula (1) of the accompanying drawings



in which the formula moieties which occur twice, namely, D, R, X, Y, Z, M and m, are in each case identical to each other and the groups Z are bonded to the benzene nuclei in each case in ortho- or in each case in para-position relative to the ethylenedioxy substituent and the amino groups -NH- and the groups Z are bonded in the benzene nuclei in each case in meta-position relative to each other and D is the radical of an aromatic disazo component, Y denotes a hydrogen atom or a fiber-reactive group which can also be a group according to the formula member Z defined below, Y is a fluorine atom or a chlorine atom, Z denotes a group of the formula $-SO_2-CH=CH_2$ or $-SO_2-CH_2-CH_2-R_2$ in which R_2 represents a substituent which can be eliminated in an aqueous medium under alkaline — conditions or the hydroxy group, M is a hydrogen atom or an alkali metal or an equivalent of an alkaline earth metal, R denotes a hydrogen atom or an alkyl group of 1 to 4C atoms and m is the number 1 or 2, which comprises reacting an azo compound of the general formula (4)



in which D, M, R, X, Y and m have the meanings mentioned above in an aqueous medium at a temperature between 20 and 50°C and at a pH value between 2.0 and 7.0 in an equivalent amount with a symmetrical diamino compound of the formula (5)



in which Z has the meanings mentioned above, identical in each case and the groups Z are bonded in the benzene nuclei in each case in ortho- or in each case in para-position relative to the ethylenedioxy substituent and the amino groups and the groups Z are bonded in the benzene nuclei in each case in meta-position relative to each other.

Compl. Specn. 25 pages. Drg. 1 sheet.

CLASS : 31-C. 157312

Int. Cl. B 01 j 17/00.

METHOD FOR GROWING MONOCRYSTALLINE SILICON ON A MASK LAYER, IN THE MANUFACTURE OF SEMICONDUCTION DEVICES.

Applicant : RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA.

Inventors : 1. JOHN FRANCIS CORBOY JR., 2. LUBOMIR LEON JASTRZEBSKI, 3. SCOTT CARLTON BLACKSTONE.

Application No. 1046/Cal/82 filed September 10, 1982.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

17 Claims

In the manufacture of semiconductor devices, a method for growing monocrystalline silicon on a mask layer comprises :

providing a semiconductor substrate having a monocrystalline portion at a surface thereof and having a mask layer on said surface, the mask layer having an aperture over said monocrystalline portion;

depositing silicon from a gas mixture comprising a silicon-source gas and a carrier gas;

etching a portion of the deposited silicon in a gas mixture comprising a silicon-etching gas and a carrier gas; and

repeating said deposition and etching cycle, so as to achieve a monocrystalline silicon island extending from the substrate surface at the mask aperture and overlapping the mask layer a predetermined distance.

Compl. Specn. 15 pages. Drg. 2 sheets.

CLASS : 33-F. 157313

Int. Cl. : B 22 d 7/10.

HOT TOPS FOR INGOT MOULDS.

Applicant : FOSECO TRADING A. G., OF LANGEN-JOHNSTRASSE 9, 7000 CHUR, SWITZERLAND

Inventors : 1. HEINRICH COMES, 2. KLAUS FRIEDE.

Application No. 1101/Cal/82 filed September 23, 1982.

Convention dated 23rd September, 1981 (81/28713) United Kingdom.

Appropriate office for opposition proceedings (Rules 4, Patent Rules, 1972) Patent Office, Calcutta.

10 Claims

A hot top lining slab for ingot moulds of slurry-formed refractory heat-insulating material, having a density in the range of 0.3 to 0.85 g/cm^3, has a plurality of ribs at one face of the slab defining a plurality of enclosed recesses spaced inwardly from the periphery of the slab and has an average overall thickness of at least 40 mm.

Compl. Specn. 11 pages. Drg. 1 sheet.

CLASS : 136-C. 157314

Int. Cl. : B 29 f 3/08.

IMPROVEMENT IN APPARATUS AND METHOD FOR EXTRUDING FOAMED POLYMERIC MATERIALS.

Applicant : THE B. F. GOODRICH COMPANY, OF 277 PARK AVENUE NEW YORK, NEW YORK 19917, UNITED STATES OF AMERICA.

Inventors : 1. SAM DONALD NEHMEY, 2. JAMES WILLIAM SUMMERS.

Application No. 1186 Cal/82 filed October 12, 1982.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

11 Claims

Improvements in an extrusion apparatus for extruding foamed polymeric materials comprising a cylinder, an extrusion screw rotatably mounted in said cylinder and longitudinally extending therein for advancing the polymeric material there through that is progressively changed from a solid to a molten form, and a die means at the downstream end of said apparatus through which the polymeric material is extruded in a cellular state, said extrusion screw comprising a feed section where the polymeric material is introduced into said apparatus, a melt section where the polymeric material is progressively converted form a solid to a fluid state, injection section for introducing a blowing agent, and a mixing section where the polymeric material and the blowing agent are agitated to make a mixture of the polymeric material and the blowing agent, the improvement comprising said mixing section provided with multiple screw flights disposed on a core of said screw for advancing the mixture and at least one continuous annular open slot (48) that is an annular zone devoid of said flights where further agitation of the mixture is carried out, said slots (48) comprise an unobstructed annular space defined by said multiple flights (50) at both axial extermities of said slots.

Compl. Specn. 17 pages. Drg. 1 sheet.

CLASS : 50-E$_2$; 50-F. 157315

Int. Cl. : B 60 p 3/20.

TRANSPORT REFRIGERATION SYSTEMS.

Applicant : THERMO KING CORPORATION, OF 314 WEST 90TH STREET, MINNEAPOLIS, MINNESOTA 55420, UNITED STAES OF AMERICA.

Inventor : 1. DONALD KEITH MAYER.

Application No. 1192/Cal/82 filed October 13, 1982.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

5 Claims

A transport refrigeration system which is selectively operable in either at cooling or a heating mode, having a refrigerant coil adapted to serve as an evaporator during operation in the cooling mode, and as a radiator during operation in the heating mode, an expansion device located upstream from both said refrigerant coil and a location at which hot gaseous refrigerant is introduced into a line to feed said refrigerant coil for heating, and an arrangement for monitoring the refrigerant charge in the system, characterized in that said arangement comprises first sensor means for sensing device, second sensor means for sensing the temperature of refrigerant fed to said expansion device, second sensor means for sensing the temperature of the refrigerant downstream of both said expansion device and said location for hot refrigerant introduction, and upstream of said refrigerant coil, and means responsive to the operating mode of the system and to the differentials in temperature sensed by said first and second sensor means for at least signalling the desirability of a system shut-down in accordance with a ranges of differential temperatures normally expected in accordance with the operating mode of the system under an adequate refrigerant-charge condition.

Compl. Specn. 11 pages. Drg. 1 Sheet.

CLASS : 6-A$_4$; 80-F. 157316

Int. Cl. : A 47 l 5/38; B 08 b 5/04.

APPARATUS FOR SUCTIONING SUBMERGED BOTTOM MATERIAL.

Applicants & Inventors : HENDRIKUS VAN BREAK OF 11, GOVERTKADE 3, 2628 EA DELFT, THE NETHERLANDS AND JAN BROUWER OF GOUDENREGEN STRAAT 46, 4131 BD VIANEN, THE NETHERLANDS.

Application No. 1268/Cal/82 filed October 23, 1982.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

13 Claims

Apparatus for suctioning submerged bottom material comprising a vessel and a thereto connected suction tube having an open lower end, means for lowering the suction tube and means for creating an underpressure in suction tube, characterized in that underneath said open lower end of the suction tube a supporting means is positioned attached to the suction tube, and that there is an open communication connection between said open lower end of the suction tube and the exterior of the suction tube via one or more transversal passages.

Compl. Specn. 14 pages. Drg. 6 sheets.

CLASS : $64B_1$. 157317

Int. Cl. H 01 r 7/00.

HIGHWAY CABLE CONNECTOR.

Applicant : RACAL ACOUSTICS LIMITED, OF BERESFORD AVENUE, WEMBLEY, MIDDLESEX, HAO 1RU, ENGLAND

Inventors : 1. ANTHONY GRAHAM GORMAN, 2. JOHN RICHARD PEACOCK.

Application No. 1296/Cal/82 filed November 4, 1982.

Convention dated 4th November, 1981 (81 33302) U. K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

8 Claims

A highway cable connector for making electrical connection to a conductor in a length of insulated highway cable at a point intermediate to the ends of the length of cable, comprising a pair of interconnected members which are moveable relative to one another betwen open and closed positions, electrically conductive cutting or penetrating means mounted on at least one of said members, said members being formed to receive the highway cable with the members in the open position, to present the cable to said cutting or penertating means and to press the cable against said cutting or penetrating means when the members are moved to the closed position whereby on closing the members said means cuts or penetrates through the insulation of the cable to make contact with the conductor, and a terminal enabling electrical connection to be made to said cutting or penetrating means.

Compl. Specn. 16 pages. Drg. 3 sheets.

CLASS : 52-A. 157318

Int. Cl. : B 65 h 35/00.

APPARATUS AND METHOD FOR OVERLAPPING CUT-SIZE SHEETS IN SERIATIM FLOW AS THEY ARE FED TO A STACKING STATION.

Applicant : BELOIT CORPORATION, P. O. BOX 350, BELOIT, WISCONSIN 53511, UNITED STATES OF AMERICA.

Inventors : 1. DONALD CHARLES FITZPATRICK, 2. KENNETH G. FRYE, 3. ARTHUR THEODORE KARIS.

Application No. 526/Cal/82 filed May 11, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Apparatus for overlapping cut-size sheets in seriatim flow as they are fed to a stackink station characterized in comprising :

a high-speed tape conveyor system and a low-speed tape conveyor system, said high-speed tape conveyor having a delivery end facing a receiving end of said low-speed tape conveyor, said high and low-speed tape conveyors having sheet-carrying surfaces with said sheet-carrying surface of said low-speed tape conveyor being disposed at a level substantially lower than said high-speed conveyor sheet-carrying surface,

a drop-off area through which sheets pass from said high-speed delivery end to said low-speed receiving end having a stationary support plate onto which the sheets fall from said high-speed delivery end which are directed by a snap-down roll means or a kickdown means,

a slowdown assembly between said support plate and said low-speed receiving end comprising a slowdown roll means, driven by a motor means to run at less than the speed of said high-speed tape conveyor but greater than said low-speed tape conveyor speed, and a nip wheel means for forming a nip with said slowdown roll means through which sheets pass to said low-speed tape conveyor, said nip wheel means being mounted for movement toward and away from said slowdown roll means to selectively press each sheet into driving engagement with said slowdown roll means for slowing so that the trailing edge of each nipped sheet is overlapped in said drop-off area by the leading edge of the next succeeding sheet falling toward said support plate, and

a stop roll means rotatably disposed to press sheets leaving said slow-down assembly onto said sheet-carrying surfaces of said low-speed tape conveyor such that said sheets assume the speed of said low-speed conveyor, whereby the leading edge of each sheet passing through said slowdown assembly nip further overlaps with the trailing edge of the immediately preceding sheet delayed by engagement with said stop roll means.

Compl. Specn. 15 pages. Drg. 3 sheets.

CLASS : $48\text{-}D_2$. 157319

Int. Cl. H 05 k 7/02.

A SUBSTRATE FOR INTEGRATED CIRCUITRY.

Applicant : MOSAIC SYSTEMS, INC., AT 1497 MAPLE LANE, TROY, MICHIGAN 48084, UNITED STATES OF AMERICA.

Inentors : 1. HERBERT STOPPER, 2. RICHARD ARTHUR FLASCK.

Application No. 591/Cal/82 filed May 22, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

A substrate for integrated circuitry comprising a base substrate wafer 1 adapted for integrated circuit processing having disposed thereon a first conductive interconnection layer of lines 19 and a second conductive interconnection layer of lines 20 and a layer of insulation 21 separating said first and second interconnection layers, said base substrate 1 being adapted for carrying a plurality of integrated circuit chips thereoen, and said first and second interconnection layers 19, 20 being adapted to provide a routine network 6, 7, 9, 10 capable of handling many independent and concurrent signals between said integrated circuit chips 24, 25 which are to be mounted on said substrate by a discretionary pattern of interconnection lines 6, 7, 9, 10.

Said first and second interconnection layers 19, 20 being interconnected after fabrication of the substrate at discretionary cross-points 28, 18 through said insulating layer 21, each of which discretionary cross-points connects a line in said first interconnection layer with a line in said second interconnection layer to complete and fix the discretionary pattern of interconnection lines 6, 7, 9, 10.

each of said discretionary cross-points 28 being formed by the application of a first potential to a single first line of said first interconnection layer 19 and a second different potential to a single second line of said second interconnection layer 20 which crosses said single first line at a selected discretionary cross-point 28, whereby the selected discretionary cross-point 28 is created as a bi-directional conductive via 28 by altering the state of the insulation 22 at the cross-point from a dielectric state to a conductive state to set an interconnection between said single first line 6, 7, 9, 10 and said single second line 6, 7, 9, 10 at the selected discretionary cross-point to form at least a part of said discretionary pattern of interconnection lines for said integrated circuit chips.

Compl. Specn. 38 pages. Drg. 11 sheets.

CLASS : 116-B & H. 157320

Int. Cl. : B 66 c 23/54; B 66 d 5/26.

A CROSS-COUNTRY AUTOMOBILE VEHICLE OF THE KIND SUITABLE FOR TOWING AND FOR HOISTING LOADS.

Applicant & Inventor : PAUL LEGUEU, OF 85, AV, DE MAZY, 44380, PORNICHET, FRANCE.

Application No. 1310/Cal/82 filed November 9, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A cross-country automobile vehicle suitable for towing and for hoisting loads, comprising a driver's cab, a platform disposed to the rear of the cab, and a crane, said crane comprising a crane support mounted rotatably on said platform, whereby to swivel the crane, a boom of adjustable length mounted with a variable inclination on said crane support and carrying a block and tackle for attachment to a load, said boom having a relatively retracted generally horizontal working position in which its end portion projects a short distance beyond the rear of the vehicle, the vehicle also including removable support means disposed at the rear of the vehicle for supporting an end portion of said boom when said boom is in said horizontal position, whereby said crane may be used to support a towed vehicle, and said crane including extendible means connected between said boom and said crane support for controling the inclination of said boom, whereby said crane may be used for hoisting loads.

Compl. Specn. 9 pages. Drg. 4 sheets.

CLASS : 204. 157321.

Int. Cl. G 01 g 13/00.

SACK FILLING MACHINE FOR FILLING PULVERULENT MATERIALS.

Applicant : F. L. SMIDTH & CO. A/S., OF 77, VIGERSLEV ALLE, DK-2500 VALBY COPENHAGEN, DENMARCH.

Inventor : 1. EDGAR ANTHONI SOMMER.

Application No. 1319/Cal/82 filed November 11, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A sack filling machine for filling pulverulent material, e.g. cement, into valve sacks, comprising a plurality of filling spouts suspended from respective electro-mechanical weighing systems which preset to cut off the material filling from the filling spout in question when a sack on the filling spout has attained a certain weight, characterized in that each weighing system comprises a load cell (10) for measuring the actual load acting on the weighing system and dispatching a signal according thereto, a control unit (12) being set according to the preset weight in the sack on the filling spout and adapted for dispatching a signal according thereto, a comparator (13) for currently receiving the signals from the load unit (10) and the control unit (12), comparing these signals and dispatching a cutting off signal for the filling when ascertaining concord between the signals from the load unit (10) and the control unit (12), and a feed-back unit (15) for instantaneous, automatic adjustment of the preset weight setting of the control unit (12) according to the actual weight of a just filled sack measured by the load cell (10).

Compl. Specn. 9 pages. Drg. 3 sheets.

CLASS : 145-D. 157322

Int. Cl. : D 21 f 7/00.

A DEVICE FOR SEPARATING THE MARGINAL EDGE OF A PAPER WEB FORMED ON A FORAMINOUS TRAVELLING WIRE.

Applicant : BELOIT CORPORATION, OF P. O BOX 350 BELOIT, WISCONSIN 53511, U. S. A.

Inventor : 1. BOLLANI UMBERTO.

Application No. 1327/Cal/82 filed November 12, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A device for separating the edge of a paper web formed on a foraminous travelling wire from stock issuing from a slice of a headbox characterized in comprising in combination a thin blade positioned along the path travelled by the stock as it leaves a slice opening of a headbox with a blade extending parallel to the flow of stock and in a position to intersect the flow of stock and separate one edge from the layer of stock; and conveying means positioned adjacent the blade location receiving the material of the edge which is separated by the blade.

Compl. Specn. 11 pages. Drg. 3 sheets.

CLASS : 33-H. 157323

Int. Cl. B 22 c 19/00.

AN IMPROVED FLOAT FOR SENSING THE LEVEL OF A MOLTEN METAL SURFACE.

Applicant : KAISER ALUMINUM & CHEMICAL CORPORATION, OF 300 LAKESIDE DRIVE, OAKLAND, CALIFORNIA 94643, UNITED STATES OF AMERICA.

Inventor : 1. DAVID GEORGE GOODRICH.

Application No. 1356/Cal/82 filed November 22, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An improved float for sensing the level of a molten metal surface comprising an upper section which has an essentially flat under surface adapted to rest on the molten metal surface and a lower section adapted to be submerged beneath the level of the molten metal, the area of the flat under surface being at least 10% of the area of an image of the float projected downwardly and the volume of the lower section of the float submerged beneath the level of the molten metal displacing a volume of molten metal which is essentially equal in weight to the weight of the float and any vertical force applied to the float by attachments thereto.

Compl. Specn. 10 pages. Drg. 1 sheet.

CLASS : 5-D. 157324

Int. Cl. A 01 b 1/16.

LOW COST HERBICIDE APPLICATING MACHINE WITH WEEDER ATTACHMENT.

Applicants & Inventors : VIRENDRA KUMAR TEWARI AND BISHWANATH MITTRA OF AGRICULTURAL ENGINEERING DEPARTMENT AND REGISTRAR OF INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR AT KHARAGPUR TECHNOLOG POST OFFICE, DISTRICT MIDNAPORE, WEST BENGAL.

Application No. 1369/Cal/82 filed November 24, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A low-cost herbicide applicating machine with weeder attachment comprising a travelling wheel, a main platform with slot, a secondary platform, connected to an additional mounted tank on the back of the operator with a regulating valve in between them, downwards extensions thereof from the said secondary platform, a lengthwise perforated dripping tube connected wherein to the tank on the said secondary platform, a applicating roller, on which the herbicide solution drips from the said dripping tube, which is to be fitted in the said downward extensions and to be used for flat land conditions only.

Compl. Specn. 4 pages. Drg. 1 sheet.

CLASS : 146-E. 157325

Int. Cl. G 01 k 11/00.

EBULLIOMETRIC HOT SPOT DETECTOR.

Applicant : ROBERT DEAN HANCOCK, AT 1100 CORBETT STREET, CARSON CITY, NEVADA 89701, U.S.A.

Inventor : 1. KENNETH FRANK HOLLMAN.

Application No. 1401/Cal/82 filed December 1, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

An ebulliometric hot spot detector for detecting hot spots on a powered electronic device such as an integrated circuit, comprising : container means for containing an ebulliometric liquid as hereinbefore described and a powered electronic device within a chamber, with said electronic device supported submerged in said ebulliometric liquid, power means for applying power to said electronic device, pressurizing means for establishing and varying pressure in the ebulliometric liquid in said chamber, detector means for detecting the onset and termination of bubbling of said ebulliometric liquid in said chamber from the surface of said powered electronic device as said pressure is varied, including means for detecting the location of the sources of said bubbling, and output means responsive to said pressure for generating and displaying a signal indicative of said pressure at the time of said termination of bubbling.

Compl. Specn. 30 pages Drgs. 8 sheets.

CLASS : 195-B. 157326

Int Cl. F 16 k 17/164.

DEVICE FOR PILOTING A SAFETY VALVE.

Applicant : A.B.C. S.A.R.L., OF 11 ALLEE DES CHENES RESIDENCE DE LA MOUILLERE 45100 ORLEANS, FRANCE.

Inventor : 1. JEAN DANRE.

Application No. 1465/Cal/82 filed December 18, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A device for piloting a safety valve comprising a piston rigid with a closure member of the safety valve and movable in a cylinder which communicates by way valves with the vessels to be protected and with a drain orifice, said device comprising a slide-type directional valve whose slide carries, on one hand, at its ends, valves for closing the communication of the cylinder with the vessel and with the drain orifice and, on the other hand, in its median part, a piston having one face which is subjected to the pressure prevailing in the cylinder and another face which defines an intermediate cavity of the directional valve; and a pilot which comprises a valve member for closing a conduit putting the vessel and the cavity of the directional valve in communication with each other, which valve member is maintained normally open by an adjustable and calibrated system which opposes the pressure in the vessel but which is returned to its closed position as soon as it is released from said system; and a drain valve which isolates the cavity of the directional valve from the drain orifice which is carried by the calibrated system with a slight axial clearance and is opened by said system after the closure of the communication valve member.

Compl. Specn. 19 pages. Drg 1 sheet.

CLASS : 55-D. 157327

Int. Cl. A 01 n 9/02.

A PROCESS FOR PREPARING A NOVEL HERBICIDAL COMPOSITION.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, AT 3M CENTER, SAINT PAUL, MINNESOTA 55144, UNITED STATES OF AMERICA.

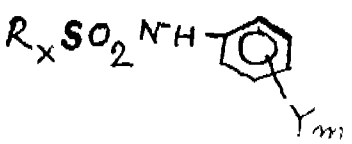
Inventor : 1. RICHARD B. HITER.

Application No. 925/Cal/83 filed July 25, 1983.

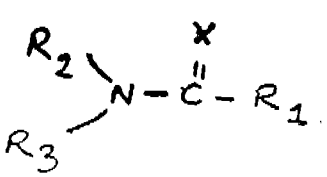
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

4 Claims

A process for preparing a novel herbicidal composition for selectively inhibiting growth of undesirable plants in an area containing growing undesirable plants in an established crop which comprises admixing a compound I i.e. a sulfonanilide of the formula shown in Fig. 1 of the accompanying drawings

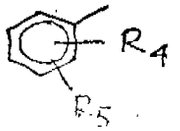


wherein R_x is a haloalkyl group containing one to four carbon atoms, each Y is a non-cyclic group which can contain only carbon, hydrogen, oxygen, sulfur, nitrogen and halogen and m is 1-5, provided that all of the Y groups together contain not more than twenty carbon atoms and that at least one of the Y groups contains a heteroatom selected from oxygen, sulfur, nitrogen and halogen or a horticulturally acceptable salt thereof with a compound II i.e. a substituted amide of the formula shown in Fig. 2 of the drawings

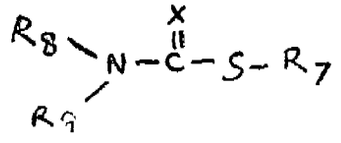


wherein R_1 is selected from alkyl and alkenyl groups containing from one to six carbon, cycloalkyl and cycloalkenyl groups containing from three to six carbo atoms, araliphatic groups containing from six to fourteen carbon atoms and

aromatic groups containing from six to ten carbon atoms, said (R_4) groups optionally containing upto two halogen atoms; R_5 is selected from hydrogen, alkyl, hydroxyalkyl, alkylthioalkyl these groups having not over five carbon atoms, R_6 is selected from R_5 and a group of formula shown in Fig. 3 of the drawings



wherein R_1 and R_2 are independently selected from hydrogen, alkyl groups containing from one to three carbon atoms and halogen and X is selected from =O, =S and $=NR_8$ wherein R_8 is hydrogen or an alkyl group containing up to four carbon atoms, and a compound III i.e. a substituted thiocarbamate of the formula shown in Fig. 4 of the drawings



wherein R_7 is alkyl, alkenyl, cyanoalkyl, alkoxyalkyl, or alkylthioalkyl, these groups having not over five carbon atoms, cycloalkyl of five to six carbon atoms, benzyl, or phenyl, R_8 is hydrogen or alkyl, haloalkyl, hydroxyalkyl, alkenyl haloalkenyl, alkoxyalkyl, or cyanoalkyl, these groups having not over five carbon atoms, cycloalkyl of five to six carbon atoms, benzyl, or phenyl and R_9 is hydrogen or alkyl, haloalkyl, cyanoalkyl, hydroxyalkyl, alkenyl, haloalkenyl or alkoxyalkyl, these groups having not over five carbon atoms, cycloalkyl, or furfuryl or R_9 is

$$-C_nH_{2n}(R_8)NC(O)SR_7$$

where n is two or three and R_7 and R_8 are as above defined or when R_8 and R_9 are taken together, they give a divalent aliphatic radical which when combined with the nitrogen atom forms a heterocyclic ring containing from two to seven carbon atoms and X is as previously defined, said composition contains in addition to known herbicidal adjuvants and/or carriers 0.01 to 1 lb of compound I, 0.1 to 20 lb of compound II and 0.1 to 10 lb of compound III per acre.

Compl. Specn. 12 pages. Drg. 1 sheet.

CLASS : 76-E; 138-D. 157328

Int. Cl. F 16 b 15/02.

U-SHAPED FASTENING ELEMENTS.

Applicant & Inventor : UMBERTO MONACELLI, OF VIA MILAZZO 1, I-20052 MONZA/ITALY.

Application No. 400/Cal/82 filed April 12, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A U-shaped fastening element comprising an elongate cross member and two elongate side members extending from the cross member with the longitudinal axes of said members lying in a common plane, wherein at least one of said members has at least one section deformed parallel to said plane to provide a zone of increased effective thickness.

Compl. Specn. 11 pages. Drg. 2 sheets.

CLASS : 203 157329

Int. Cl. B 21 d 11/06.

APPARATUS FOR COILING FLEXIBLE STRETCHED MATERIALS, PARTICULARLY TUBES OR CABLES.

Applicant : WAVIN B.V., OF 251 HANDELLAAN, 8031 EM ZWOLLE, THE NETHERLANDS.

Inventor : 1. JOHANNES DE MOS

Application No. 409/Cal/82 filed April 13, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Apparatus for coiling to packages flexible elongated materials (26) particularly cables, tubes or pipes, more particularly plastics corrugated tubes, the apparatus comprising a frame (2) carrying at least one deriveable reel (3a, 3b) and a guiding device for the material (26) to be coiled upon a reel, said guiding device having one component (6, 25) which is pivotably arranged and resiliently movable towards the reel core thereby exerting a certain pressure on the material being wound in a radial direction of the reel(s), the other component (5, 25) being movable in an axial direction with respect to said core under the influence of material (26) to be cored upon the reel core (4) and exerting a certain force upon the material in an axial direction of the reel, the resistance against movement of this component and thereby the force in axial direction being adjustable, characterized in that the guiding device is a ledge (5) capable of exerting both the radial and the axial forces on the material (26) being wound, extending tangentially to the reel core (4) and being enclosed between the reel core (4) or matrial coiled upon it, and a plate (6), also extending tangentially with respect to the core (4) or the material upon it and extending along the entire width of the core (4), said plate (6) being pivotable around an axis (7) parallel to the axial direction of the core (4) and thereby radially movable away from said core under the action of the material being coiled and the ladge (5) being transversely slidably across said plate (6) parallel to the axial direction of the core.

Compl. Specn. 16 pages. Drg. 1 sheet.

CLASS : 32-E. 157330

Int. Cl. C 08f 1/00, 3/04.

PROCESS FOR PRODUCING POLYETHYLENE.

Applicant : NISSAN CHEMICAL INDUSTRIES LTD., OF 7-1, 3-CHOME, KANDA-NISHIKI-CHO, CHIYODA-KU, TOKYO, JAPAN.

Inventors : 1. TAKESHI IWABUCHI, 2. MASAO KAWAHARA, 3. SAKAE KAMIYAMA, 4. TERUMI SATO.

Application No. 973/Cal/82 filed August 21, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A process for producing polyethylene which comprises polymerizing ethylene or copolymerizing ethylene with other a-olefin characterised in that the polymerisation or the copolymerisation is effected in the presence of a catalyst obtained by the process as claimed in our Indian Patent Application No. 782/Cal/84, ante-dated 21-8-1982.

Compl. Specn. 37 pages. Drg nil.

CLASS : 195-D. 157331

Int. Cl. F 16 k 39/00, 51/00.

VALVE FOR REGULATING FLOW OF PARTICULATE SOLIDS.

Applicant : STONE & WEBSTER ENGINEERING CORPORATION, OF 245 SUMMER STREET, P.O. BOX-2325, BOSTON, MASSACHUSETTS 02107, UNITED STATES OF AMERICA.

Inventors : 1. RICHARD COCHRAN NORTON, 2. PAUL EDWARD KOPPEL.

Application No. 133/Cal/83 filed February 4, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A valve for regulating flow of particulate solids from an upstream location to a downstream location comprising :

(a) an opening to the downstream location;

(b) means to provide a passage for the flow of particulate solids from the upstream location to the downstream opening;

(c) means to seal the pressure at the upstream location from the opening to the downstream location;

(d) means to impose a non-mechanical force on particulate solids immediately upstream of the opening to the downstream location; and

(e) means to regulate the pressure imposed on the particulate solids immediately upstream of the downstream opening.

Compl. Specn. 14 pages. Drg. 4 sheets.

CLASS : 33-A. 157332

Int. Cl. B 22 d 13/02.

A METHOD OF MANUFACTURING A CENTRIFUGALLY CAST TUBE OF SPHEROIDAL GRAPHITE CAST-IRON.

Applicant : PONT-A-MOUSSON S.A., OF 91 AVENUE DE LA LIBERATION, F 54000 NANCY, FRANCE.

Inventor : RIO BELLOCCI.

Application No. 249/Cal/83 filed March 1, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method of manufacturing a centrifugally cast tube of spheroidal graphite cast-iron, comprising pouring into a centrifugal chill-mould a spheroidal graphite cast-iron having the composition mentioned hereinbefore, said centrifugal chill-mould being provided with a refractory coating and cooled externally by water, centrifugally casting a tube from said cast-iron in the chill-mould, characterized by leaving the centrifugally cast tube to cool in the chill-mould to a temperature of the order of 800-1000°C in order to acquire an austenitic structure then, still in the chill-mould, cooling the tube vigorously and uniformly over its entire length by spraying water or a mixture of air and water onto the inner surface of the tube to cool the tube to a temperature of approximately 250-400°C in order to give the cast-iron tube an austenitic or bainitic structure, removing the tube from said chill-mould, placing said tube in a furnace maintained at a temperature of between 250 and 450°C in order to create or maintain a bainitic structure of the cast-iron tube, and removing the tube from the furnace in order to allow said tube to cool in the air.

Compl. Specn. 27 pages. Drgs. 3 sheets.

CLASS : 107-G. 157333

Int. Cl. F 02 m 9/12.

IMPROVEMENTS IN OR RELATING TO CARBURETTORS FOR INTERNAL COMBUSTION ENGINES.

Applicant & Inventor : MAURICE LECHMERE BROWN, OF REWA, VIA FEILDING, NEW ZEALAND.

Application No. 251/Cal/83 filed March 1, 1983.

Convention dated 1st March 1982 (199858) New Zealand.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

A carburettor for an internal combustion engine comprising a body, an air passageway therethrough, leading in use from ambient air to the internal combustion engine and including a venturi tube therein, a movable air control valve member in or adjacent said venturi tube and forming part of a movable assembly, a fuel control valve member associated with said air control valve member, a movable wall connected to but spaced away from said air control valve member so as to be movable therewith and so as to form part of said movable assembly, said movable wall separating a first and a second pressure chamber in said body, biasing means to bias said movable assembly to a biased position, a low pressure conduit between a part of said air passageway in which engine vacuum exists in use and said first pressure chamber a pressure control entry to said first pressure chamber, a balancing pressure entry to said second pressure chamber, a low pressure control valve member controlling pressure from said low pressure conduit to said first pressure chamber and positionable relative to a part movable with said movable assembly and manually operable actuating means to programme positioning of said low pressure control valve member so that movement of said movable assembly relative to said low pressure control valve member due to relative forces acting on said movable assembly causes variation of pressures in said first pressure chamber and hence variation of position of said movable assembly including said air control valve member and said fuel control valve member to control power from an internal combustion engine to which the carburettor is fixed in accordance with selected positions of said manually operable actuating means.

Compl. specn. 16 pages. Drg. 3 sheets.

CLASS : 48-C 157334

Int. Cl. H 01 b 3/40.

OIL RESISTANT, INSULATED, BONDABLE ELECTRICAL CONDUCTORS AND METHOD OF MAKING THE SAME.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATED OF AMERICA.

Inventor : DANIEL RICHARD SASSANO.

Application No. 257/Cal/83 filed March 2, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

An oil resistant, insulated, bondable electrical conductor which consist of a solidified adherent insulating resinous first layer deposited about the conductor, and a fusible adhesive layer coated directly over and contacting the first layer, the adhesive layer consisting essentially of the uncatalyzed mixture of a solid epoxy resin having an epoxy equivalent weight range of from 250 to 750 and a phenoxy resin.

Compl. specn. 13 pages. Drg. 1 sheet.

CLASS : 58-B 157335

Int. Cl. : B 66 b 13/06.

DOUBLE PANEL SLIDING DOOR.

Applicant : INVENTIO AG, SEESTRASSE 55, CH-6052 HERGISWIL/NW (SWITZERLAND).

Inventor : MAX HAAS, ING.

Application No. 271/Cal/83 filed March 4, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Double panel sliding door, namely for an elevator for humans, for a goods-lift or the like, with a door frame and, associated with each panel, a panel suspension and guiding arrangement including rollers cooperating with at least one guiding rail, by means of which the panel is slidably supported by the door frame, characterized in that to at least one panel is associated a panel guiding arrangement comprising at least one roller (5, 6; 20), fixed in position, over which is displaceable a guiding rail (9, 10; 19) movable with the panel (2, 3; 16) and at least one roller (13, 14; 22), movable with the panel (2, 3; 16) displaceable on a fixed guiding rail (4.1, 4.2; 23).

Compl. specn. 8 pages. Drg. 2 sheets.

CLASS : 190-B. 157336

Int. Cl. : B 16 h 41/26.

A ROTOR OF A TURBZO-MACHINE.

Applicant : PROIZVODSTVENNOE OBIEDINENIE TURBOSTROENIA "LENINGRADSKY METALLICHESKY ZAVOD", LENINGRAD, SVERDLOVSKAYA NABEREZHNAYA, 18, U.S.S.R.

Inventors : 1. VIKTOR KUZMICH RYZHKOV. 2. NIKOLAI ALEXEEVICH SOROKIN. 3 EFIM DOVYDOVICH KONSON. 4. OLEG GRIGORIEVICH VASSERBERG. 5 SERGEI ALEXANDROVYICH MASNOI. 6 KONSTANTIN NIKOLAEVICH BORISHANSKY. 7. NIKOLAEVICH SHILOVICH.

Application No. 273/Cal/83 filed March 4, 1983.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A rotor of a turbo-machine comprising rotor blades with shroud flanges provided with slots to receive at least one damping means loosely positioned therein support members being inserted between the damping means and the surfaces of the outer portions of the slots to provied contact of the damping means with the shroud flanges of the rotor blades during operation of the rotor, each support member being in spaced relation to the end faces of the shroud flange of the associated rotor blade.

Compl. Specn. 13 pages. Drgs. 2 sheets).

CLASS : 55-E_2&$_4$: 60-X_2a. 157337.

Int. Cl. : C 12 d 9/00.

A PROCESS FOR PRODUCING THE NARROW-SPECTRUM ANTIBIOTIC STAPHYDOCIDIN HAVING SELECTIVE ANTIMICROBIAL ACTIVITY AGAINST STAPHYLOCOCCI INCLUDING S. AUREUS AND S. EPIDERMIDIS.

Applicants & Inventors : (1) DAVID S. HODES, CRICKET LANE DOBBS FERRY NEW YORK 10522 U.S.A (2) GRACE LEIDY, 21 GLENWOOD AVENUE LEONIA, NEW JERSEY 07605 U.S.A (3) KATHERINE SPRUNT 21, GLENWOOD AVENUE LEONIA, NEW JERSEY 07605, U.S.A (4) PIPER WELDY 350 BLEEKER STREET NEW YORK, NEW YORK 10014, U.S.A.

Application No. 281/Cal/83 filed March 8, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Paten Office, Calcutta.

6 Claims.

A process for producing the staphylocidin-containing antibiotic product having selective antimicrobial activity against staphylococci including, *S. areus* and *S spidermidis*, which comprises cultivating the micro organism *Rothia dentocariosa*, having the identifying characteristics of ATTC 31918, in an aqueuos nutrient medium containig assimlliable sources of carbon nitrogen and inorganic salts under submerged aerobic conditions until substantial antibacterial activity due to staphylocidin is produced.

Compl. Specn. 28 pages. Drg. 2 sheets.

CLASS : 176-G & I; 177-C 157338

Int. Cl. : F 22 g 5/04.

METHOD OF PRODUCING SUPERHEATED STEAM.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor : DONALD JAMES PREY.

Application No. 22/Cal/82 filed January 5, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A method of producing superheated steam in a fossil fuel-fired steam generator having an elongated furnace with a gas outlet, steam generating tubes lining the walls of said furnace, a gas exit duct connected to the gas outlet of said furnace for conveying gases therefrom, superheater surface located in said exit duct, and means for conveying steam generated in said steam generating tubes through said superheated surface in heat exchange relationship with the gases passing through said exit duct, comprising the steps of :

(a) injecting fuel into said furnace in a first zone remote from the gas outlet of said furnace;

(b) introducing a first portion of air into said first zone whereupon combustion of the fuel is initiated;

(c) introducing a second portion of air into said furnace in a second zone spaced from said first zone and intermediate said first zone and the gas outlet of said furnace; and,

(d) selectively directing the air introduced into said second zone of the furnace towards or away from the gas outlet thereof in response to a signal indicative of a high or a low steam outlet temperature to respectively increase or decrease the outlet temperature of the steam conveyed through said superheat surface.

Compl. specn. 14 pages. Drg. 1 sheet.

CLASS : 116-E 157339

Int. Cl. : B 66 f 3/24

JACKING APPARATUS FOR EFFECTING MOVEMENT OF LOADS.

Applicant : McDERMOTT INCORPORATED, OF P O BOX 60035 1010 COMMON STREET, NEW ORLEANS LOUISIANA 70160, U. S. A.

Inventor : MICHAEL JOSEPH LEGLUE.

Application No. 1444/Cal/82 filed December 15, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A jacking apparatus for effecting movement of a load in a direction along a member which has a plurality of anchor points spaced apart in said direction, the jacking apparatus comprising a group of at least two double-acting hydraulic cylinders including at least one first cylinder and at least one second cylinder arranged in tandem, an hydraulic fluid supply means to provide hydraulic fluid pressure at a predetermined flow rate to said group of hydraulic cylinders,

a piston in each of said cylinders, a piston rod portion connected to one of said pistons for transmitting force between said pistons and a load, another piston rod portion extending between said pistons, means for routing hydraulic fluid to respective first sides of said pistons to apply hydraulic fluid pressure to said pistons in a first direction, means for routing substantially all of said predetermined flow rate of hydraulic fluid to a second side of said piston of said first cylinder to apply hydraulic fluid pressure to said first cylinder piston in a second direction, and at least one anchor point engagement means to engage an anchor point in the member for movement of a load when hydraulic fluid pressure is applied to said pistons in said first direction and to disengage an anchor point in the member for movement of said cylinders when hydraulic fluid pressure is applied to said first cylinder piston in said second direction.

Compl. specn. 16 pages. Drg. 1 sheet.

CLASS : 35-E 157340

Int. Cl. : D 21 j 1/20.

A METHOD OF FORMING A UNIFORMLY FLEXIBLE CERAMIC BOARD.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : 1. CELESTE BRANDMAYR YONUSHONIS, 2. THOMAS EUGENE WALTERS.

Application No. 396/Cal/83 filed April 5, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A method of forming a uniformly flexible ceramic fiber board comprising the steps of :

(a) forming a slurry of :

1. 74.5–96.8 weight per cent of ceramic fibers selected from crystaline high alumina fiber with or without non-crystaline alumina silicate fiber.

or without non-crystaline alumina silicate fiber.

2. 0.1–5 weight per cent of a cationic acrylamide base copolymer,

3. 3–20 weight per cent of an acrylic latex, and

4. 1–15 weight per cent of aluminium sulfate; whereby said acrylic latex is deposited homogeneously on said fibers.

(b) vacuum forming a shape of said latex coated fibers from said slurry, and

(c) drying said shape dielectrically to form said board.

Compl. specn. 6 pages. Drg. Nil.

CLASS : 158-E_2 157341

Int. Cl. : B 61 f 5/02.

RAILWAY TRUCK WITH IMPROVED BOLSTER GIBS THEREFOR.

Applicant : AMSTED INDUSTRIES INCORPORATED, 3700 PRUDENTIAL PLAZA, CHICAGO, IL 60601, U.S.A.

Inventor : JAMES A. HENKEL.

Application No. 418/Cal/83 filed April 11, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A railway truck with improved bolster gibs therefor, comprising a bolster and two side frames, wherein the bolster has two ends and each side frame has an opening, each bolster end being adapted to be received in a side frame opening :

each said bolster end comprising two sets of inner and outer bolster gibs extending transversely outward from the longitudinal axis of the bolster,

each set of the inner and outer bolster gibs forming a pocket to receive a column of one of said side frames, the preferred clearance between the inner bolster gib and the side frame column being equal to or greater than the distance between the outer bolster gib and the side frame column.

Compl. specn. 7 pages. Drg. 1 sheet.

CLASS : 105-B 157342

Int. Cl. : G 01 d 11/18.

APPARATUS FOR MEASURING FORCES.

Applicant : MICHELIN & CIE. (COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN), OF 4, RUE DU TERRAIL, CLERMONT-FERRAND, FRANCE.

Inventor : RAYMOND FAURE.

Application No. 429/Cal/83 filed April 13, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An apparatus for measuring forces, particularly the force due to the pressure of the air contained within pneumatic tires, characterized by the following features :

(a) a coil spring within a body;

(b) a movable part within the body, the movable part being subjected to the action of a force to be measured and being in contact with one end of the coil spring;

(c) means to visualize the correlation between the position of the movable part within the body and the value of the force;

(d) an adjustment sleeve within the body with an external thread which can be screwed into an internal thread of the body, the adjustment sleeve being in contact with the other end of the coil spring;

(e) the adjustment sleeve has an internal thread within within the body;

(f) the external and internal threads of the adjustment sleeve have the same pitch;

(g) first means adapted to receive removable means to selectively prevent the coil spring from rotating within the body;

(h) second means adapted to receive removable means to selectively adjust the position of the adjustment sleeve within the body; and

(i) said first and second means may each be actuated directly from outside of the apparatus by said removable means without taking the apparatus apart.

Compl. specn. 10 pages. Drg. 2 sheets.

CLASSIC : 87-C 157343

Int. Cl. : A 63 b 59/08.

CRICKET BAT.

Applicant : STUART SURRIDGE & COMPANY LIMITED, OF P.O. BOX 1, WITHAM, ESSEX, ENGLAND.

Inventor : 1. JOHN SWANNACK SURRIDGE.

Application No. 482/Cal/83 filed April 22, 1983.

Convention dated 23rd April, 1982 (82 11780) United Kingdom.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A cricket bat having a wooden blade comprising a single front section forming a striking surface of the bat formed of wood which increased in age from one edge of the bat to the other and at least one wooden rear section, the wood of such rear section being aged in the reverse sense to that of the front section at least one side of the blade.

Compl. specn. 9 pages. Drg. 2 sheets.

CLASS : 40-B 157344

Int. Cl. : B 01 j 11/32, 11/74.

CATALYST FOR CONVERTING SULFUR-CONTAINING GASES AND PROCESS FOR PREPARING THE SAME.

Applicant : BASF AKTIENGESELLSCHAFT, AT 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. MAX APPL, 2. KARL-HEINZ GRUENDLER, 3. GUENTER ZIRKER, 4. PETER RUDOLF LAURER, 5. MATTHIAS IRGANG.

Application No. 638/Cal/83 filed May 21, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A catalyst which can be used for converting carbon monoxide and steam in sulfur-containing gases to carbon dioxide and hydrogen and comprises oxides and/or sulfides of cobalt and/or nickel or molybdenum, an alkali metal salt and a carrier composed of magnesium aluminium spinel, wherein the catalyst molding possesses a star-shaped cross-section, star-shaped cross-sectional surfaces with rounded points or a clover leaf-shaped cross-section.

Compl. specn. 14 pages. Drg. 1 sheet.

CLASS : 128-F. 157345

Int. Cl. A 61 m 3/00.

A COLLECTOR FOR COLLECTING DIAGNOSTIC SPECIMEN OF FLUIDS E.G. BLOOD, URINE, MILK FROM HUMAN OR ANIMALS.

Applicant : TRANS MED CORPORATION, OF 1621 COLLINGWOOD DRIVE, SAN DIEGO, CALIFORNIA, U.S.A.

Inventors : 1. ROGER F. ETHERINGTON, 2. CLAYTON L. ESTEP.

Application No. 1409/Cal/83 filed November 16, 1983.

Division of Application No. 548/Cal/80 dated 8th May, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A collector for collecting diagnostic specimen of e.e. blood, urine, milk from humans or animals, comprising an elongated hollow body open at one end and closed at the opposite end and having an orifice in said closed end a plunger having sealing means on one end which is slidably inserted into and in sealing relationship with said body to vary the interior volume of said body; an exteriorly mounted closure for said orifice in said body, the closure having an orifice therethrough and further having at least one recess on an inner surface containing an agent such as herein described for application to said specimen, said closure being movable from a first position in which both of said orifices are in communication for passage of a specimen upon movement of said plunger to a second position wherein said orifices are out of communication after passage of said specimen and in which second position said agent is in communication with said closed end orifice; and sealing means for said closed end orifice positioned between said closure and said closed end.

Compl. Specn. 30 pages. Drg. 5 sheets.

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by National Research Development Corporation of India, to the grant of a patent on application No. 156545 made by Dr. Ramaswamy Thangappan,

(2)

The application for Patent No. 156333 (87/Mas/82) by Carborundum Universal Limited, Madras in respect of which an opposition was entered by Messrs Norton Company, U.S.A., as notified in the Gazette of India, Part-III, Section 2 dated the 4th January, 1986, has been treated as withdrawn.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

(1)

The title of the invention in the Provisional and Complete Specification in respect of Patent Application No. 148012 (earlier number 203/Bom/77) the acceptance of which was notified in Part III, Section 2 of the Gazette of India dated the 20th September, 1980 has been corrected and the claims 1 to 5 of the complete specification have been detected and description suitably amended, remaining claims renumbered and suitably amended under Section 78(3) of the Patents Act, 1970.

(2)

The claims 19 and 20 of the complete specification in respect of Patent application No. 153503 (earlier No. 894/Del/79) the acceptance of the complete specification of which was notified in the Part-III, Section 2 of the Gazette of India, dated the 21st July, 1984 has been deleted under Section 78(3) of the Patents Act, 1970.

PATENTS SEALED

153640 153643 153666 153668 153669 153671 153674 153676 153801 153942 154918 154919 154920 154925 154926 154927 154932 154933 154934 154974 154977 154980 154981 154985 154986 154987 154988 154989 154996 155000 155036 155173 155217 155231 155285

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Union Carbide Corporation, Manufacturers, a Corporation organised and existing under the laws of the State of New York, United States of America, located at 270, Park Avenue, New York have made an application on Form 29 under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 155885 for 'Linear Low Density Ethylene Hydrocarbon Copolymer Containing Composition For Extrusion Coating'. The amendment are by way of disclaimer, corrections or explanation. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

COMMERCIAL WORKING OF PATENTED INVENTION

The following patents in the field of Electrical Engineering Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under-section 146(2) of Patents Act, 1970, in respect of calendar year 1983, generally on account of want of requests for licences to work the patented inventions. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a licence for the purpose:—

Sl. No.	Patent No.	Date of Patent	Name and Address of Patentees	Title of the Invention
1	2	3	4	5
1.	144737	21-5-1976	SIEMENS AG. Berlin Munich, West Germany.	A magnet by energisation by alternating current.
2.	146483	20-7-1976	SYBRON CORPORATED, 1100 midtown tower, Rochester, New York, U.S.A.	Electromagnetic flow meter.
3.	146528	8-6-1976	N.V. PHILIPS GLOEILAMPENFA-BRIEKEN, Emmasingel, Eindhoven, Netherlands.	Low-pressure mercury vapour discharge, lamp and a method of producing the same.
4.	146540	22-11-1976	THE GENERAL ELECTRIC COMPANY LTD., 1, Stanhope Gate London WIA 1EH, England.	Electrical coupling arrangements.
5.	146560	6-10-1976	WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse bldg. Gateway Centre, Pittsburgh, Pennsylvania, 15222, U.S.A.	Capacitive voltage transformers.
6.	146566	12-12-1977	UNION CARBIDE INDIA LTD. 1 Middleton Street, Calcutta-700 071, West Bengal, India.	Dry battery operated lighting means which automatically come into operation when the mains power is cut off.
7.	146590	18-3-1977	HASLER AG. Belpstrasse 23, 3000 Ber 14, Switzerland.	System for transmission of digital information.
8.	146642	21-06-1977	MARSTON EXCELSIOR LTD, Wobaston Road, Fordhouses, Wolverhampton, WV 10 6QJ.	Electrode for use in a diaphragm or membrane.
9.	146659	11-8-1977	PUROLATOR INDIA LTD, Hauz Khas, P.O. Yusaf Sarai, New Delhi-16, India.	A process for the manufacture of battery separators.
10.	146660	2-7-1977	COMBUSTION ENGINEERING INC. 1000, Prospect Hill Road, Windsor, Connecticut, U.S.A	A storage device for receiving an input signal and processing into produce an analogue convertor.
11.	146677	13-4-1977	GENERAL ELECTRIC COMPANY, 1, River Road, Schenectady, New York, U.S.A.	Reverse flow cooled dynamoelectric machines with novel cooling system.
12.	146748	22-12-1976	WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse Bldg. Gateway Centre, Pittsburgh, Pennsylvania, 15222, U.S.A.	Low voltage vacuum shorting switch.
13.	146778	17-3-1978	GLOBE-UNION INC., P.O. Box 591, Milwaukee, Wisconsin, 53201, U.S.A.	A battery grid and method of manufacturing the same.
14.	146788	10-6-1974	WESTINGHOUSE ELECTRIC CORPORATION, of Westinghouse bldg. Gateway Centre Pittsburgh, Pennsylvania-15222, U.S.A.	Flexible non-tacky prepegs and method of making same.
15.	146792	6-10-1976	SIEMENS-ALBIS AKTIENGESELIS-CHAFT, of Albisriederstrasse 245, 8047, Zurich, Switzerland.	Arrangement for correcting deviations from the true bearing cause by reflecting surfaces in target tracking radar installations.
16.	146793	20-1-1977	RCA CORPORATION, of 30 Rockefeller, Plaza, New York, N.Y. 10020, U.S.A.	A semiconductor device.
17.	146854	22-11-1976	THE GERAL ELECTRIC COMPANY LTD. of 1 Stanhope Gate London W1A, 1EH, England.	Improvements in or relating to apparatus for indicating the sequence of alternating current signals.

1	2	3	4	5
18.	146860	17-6-1976	SOCIETE CHIMIQUE DES CHARBONNAGES, Toure Aurore 92080-Paris La Defence, France.	Protection circuit for protecting an electrical appliance connectable to a polyphase supply.
19.	146891	22-8-1973	SIEMENS AG. Berlin & Munich, West Germany.	Electromagnetic switch gear.
20.	146898	19-10-1976	MOBIL TYCO SOLAR ENERGY, 16, Hickory Drive, Waltham, Massachuetts, U.S.A.	Method of producing ribbon-like bodies for use in fabricating solar cells.
21.	146899	19-10-1976	Do.	Manufacture of semi-conductor, ribbon and solar cells.
22.	146917	20-3-1978	GOPI KISHAN KABRA, of 17 Camac street, Calcutta, State of West Bengal, India.	A sparker.
23.	146931	20-5-1976	SIEMENS AG. of Berlin & Munich, West Germany.	A corner connection for three frame members particularly for switch-gear unit.
24.	146946	14-12-1977	COUNCIL OF SCIENTIFIC & INDUSTRIAL REEARCH, Rafi Marg, New Delhi-1, India.	Improved process for electrolytic etching of aluminium foil for use as anode in the fabrication of high voltage aluminium electrolytic capacitors.
25.	146997	17-11-1977	ERNEST SPIRIG, of Moven Strasse 37, Ch-8640, Rapperswil, Switzerland.	Improved water decomposition apparatus.
26.	147069	22-12-1976	CONTRAVES A.G. of Schaffauser strasse 580, 8052, Zurich, Switzerland.	A combination of a vehicle and an electrical power generating set.
27.	147177	11-11-1976	THE GENERAL ELECTRIC COMPANY LTD., of 1 Stanhope Gate, London W1A, 1EH, England.	A starting relay arrangement.
28.	147206	22-2-1977	SIEMENS AG, Berlin and Munich, West Germany.	Fusible electrical conductors.
29.	147207	23-2-1977	Do.	Fusible electrical conductors.
30.	147274	17-2-1977	UNION CARBIDE CORPORATION, of 270 Park Avenue, New York, State of New York, U.S.A.	An electrochemical cell.
31.	147275	17-2-1977	UNION CARBIDE CORPORATION, of 270 Park Avenue, New York, State of New York, U.S.A.	An electrochemical cell.
32.	147292	2-3-1977	WESTINGHOUSE ELECTRIC CORPORATION, of Westinghouse Bldg. Gateway Center, Pittsburgh Pennsylvania 15222, U.S A	A method of producing semiconductor switching devices.
33.	147311	18-2-1977	HAZEMEIJER B.V. of Tuindorpstraat, 61, Hengelo, the Netherlands.	Vacuum switch.
34.	147445	12-7-1977	SIEMENS AG. of Berlin & Munich, Federal Republic of Germany.	Alternating current regulator.
35.	147458	5-12-1977	FERRANTI LIMITED, of Hollinwood, Lancashire, England.	Electric circuits for digitising data.
36.	147510	20-2-1978	D S. PILLAI, 18, Rajouri Garden, New Delhi-27, India.	Electrical device for killing insects & pests.
37.	147556	16-2-1978	ASEA AKTIEBOLAG, of S-721 83, Vasteras Sweden.	Protective device for capacitor bank.
38.	147572	2-1-1978	RCA CORPORATION, of 30 Rockefeller, Plaza, New York, N.Y. 10020, U.SA.	Semiconductor device & method of making thereof.
39.	147578	2-1-1978	Do.	Multi-layered passivating structure for semiconductor devices and method of fabricating the same.

1	2	3	4	5
40.	147639	10-2-1978	CABLEFORM LTD Garden Lane, Romiley Stockport, Chesire, England.	Improvements relating to pulse controllers for controlling the energisation and regenerative braking of a dc electric motor.
41.	147667	19-10-1976	MOBIL ENERGY, Corporation, 16, Hickory Drive ,Waltham, Massachusetts, U.S.A.	Solar cell unit.
42.	147715	15-6-1977	ZELIWEGER USTER LTD., Wilstrasse 11, CH-8610, Uster, Switzerland.	Ringing current generator at a subscriber's station of a local battery telephone system.
43.	147814	7-4-1977	WESTINGHOUSE ELECTRIC CORPORATION, of Westinghouse bldg. Gateway center, Pittsburgh Pennsylvania, 15222, U.S.A.	A method of fabricating thyristor & diode semiconductor devices by tailoring or modifying their recovery charges.
44.	147833	27-6-1977	SIEMENS AKTIENGESELLSCHAFT, Berlin & Munchen, F.R.G.	Pulse operable supply device for supplying a plurality of stabilised undirectional voltages.
45.	147879	24-5-1977	SIEMENS AG. of Berlin & Munich, West Germany.	Electric switchgear.
46.	147919	19-4-1978	CHUGAI DENKI KOGYO KABUSHIKI KAISHA, of 13/3 Nihonbashi-Kayabacho 2-chome, Tokyo, Japan.	A method of making improved Ag-metal oxides electrical contact materials.
47.	147948	28-12-1977	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-1, India.	An improved process for the simultaneous electrolytic production of zinc metal & manganese dioxide from zinc sulphide concentrates and manganese ores.
48.	147951	6-7-1978	IMI MARSTON LIMITED, of Webaston Road, Fordhouses, Wolverhampton, WV 10, 6 QJ, England.	Electrical Connector.
49.	147965	7-11-1977	R.C.A. CORPORATION, of 80 Rockefeller Plaza, New York, N.Y. 10020, U.S.A.	A semi-conductor device.
50.	148025	13-9-1977	SIEMENS AKTIENGESELLSCHAFT, Berlin & Munchen, Federal Republic of Germany.	A correcting impulse generator.
51.	148031	30-5-1978	MASCHINENFABRIK REINHAUSEN GEBRUDER SCHEUBECK GMBH. of 5, Falkensteinstrasse, 84 Regensburg, Federal Republic of Germany.	A top Switch assembly for a topped transformer.
52.	148076	19-11-1979	NANDAYAM AMMANJI SRISHAILA, No 1, 9th Cross Road, Swimmingpool Extension, Bangalore 560 003, India.	A device for concealed electrical wiring.
53.	148110	18-3-1978	COUNCIL OF SCIETIFIC INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-1, India.	Improved process for the electro deposition of iron nickel alloy coating on metal substrates.
54.	148178	3-9-1977	WESTINGHOUSE ELECTRIC CORPORATION, of Westinghouse Bldg. Gatweay center, Pittsburgh, Pennsylvania, U.S.A.	Apparatus for applying an insulating coating on an elongated metallic member.
55.	148169	8-3-1978	MASCHINENFABRIK REINHAUSEN GEBRUDER SCHEUBECK GmbH & Co. Kg. of 8 Falkensteinstrasse, 84, Regensburg, F.R.G.	A tap switch attachmen for a tapped transformer.
56.	148239	20-2-1978	FERRANTI LIMITED, of Hollinwood, Lancashire, England.	Data processing systems.

1	2	3	4	5
57.	148272	19-6-1978	THE GENERAL ELECTRIC COMPANY LTD. of1 Stanhope Gate, London W1A, 1EH. England.	Improvements in or relatirg to moving coil electrical indicating instruments.
58.	148293	29-9-1977	SIEMENS AKTIENGESELSCHAFT, Berlin & Munich, West Germany.	Improvements in or relating to circuit arrangements for the carrier frequency transmission of information.
59.	148329	29-3-1978	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-1, India.	Improved process for the electrochemical recovery of copper from industrial byproduct copper compounds.
60.	148370	5-12-1977	SIEMENS AKTIENGESELISCHAFT, Berlin & Munich, F.R.G.	Digital swept frequency wave form generator.
61.	148396	27-9-1977	WESTINGHOUSE ELECTRIC CORPORATION Westinghouse Bldg., Gateway Center, Pittsburgh, Pennsylvania-15222, U.S.A.	Electrical inductive apparatus.
62.	148405	30-11-1977	GENERAL ELECTRIC COMPANY, 1, River Road, schenactady 5, New York, U.S.A.	Method of producing coated x-ray anodes & x-ray anodes having such coatings.
63.	148452	5-3-1979	PEICO ELECTRONICS & ELECTRICALS LTD., Shivsagar Estate Block 'A', Dr. Annie Besant Road, Worli, Bombay-400018.	improved electro-mechanical transducer.
64.	148473	28-3-1977	UNION CARBIDE CORPORATION, of 270 Park avenue, New York, State of New York, 10017, U.S.A.	Galvanic cell having a resealable ven closure and method of making it.
65.	148474	29-3-1977	UNELEC S. A. 38, Avenue kleber, 75784, paxis, cedex 16, France.	An interchangeable three phase tripping decide for a three pole circuit braker.
66.	148499	18-1-1978	SIEMENS AG. of Berlin & Munich, West Germany.	Printed Circuit board.
67.	148531	13-5-1977	SIEMENS AKTIENGESELLSCHAFT, of Berlin & Munich, Germany. (West)	Brushless synchronous machine.
68.	148642	16-3-1978	FERRANTI LIMITED, of Bidge house Park Road, Gately, Cheadle, Cheshire 4 4 Hz, England.	Data processing apparatus.
69.	148652	27-4-1978	WESTINGHOUSE BRAKE & SIGNAL COMPANY LTD.,3 John Street, Londdon WC 1N 2ES, England.	Electrical binary code producing apparatus.
70.	148688	28-10-1977	SIEMENS AKTIENGESELLSCHAFT Berlin & Munich, West Germany.	Safety out put unit for a data processing installation.
71.	143703	23-11-1976	ALUMINIUM PECHINEY 28 rue de Bonnel, 69003, Lyen, France.	An apparatus for componsating the magnetic fields in adjacent rows of transversely mounted igneous electrolysis cells.
72.	148735	8-5-1978	WESTINGHOUSE ELCTRIC CORPORATION, Westinghouse Bldg., Gate way Center, Pisttburgh, Pennsylvania-15222, U.S.A.	Package for high triggered semiconductor device.
73.	148841	30-7-1977	ROONE-POULENC INDUSTRIES, 22 Avenue montaigne, 75 paris 8 EME, France.	A liquid dielectric composition and a electric apparatus incorporatingthe same.
74.	148845	23-9-1977	WESTINGHOUSE ELECTRIC CORPORATION, of Westinghouse bldg. Gateway center. Pittsburgh' Pennsylvania, 15222, U.S.A	Semiconductor swicthing devices.
75.	148868	6-6-1978	S.I.L.E.C. of 69 rue Ampere, 75017 Paris, France.	Industrially safe telephone network.

COMMERCIAL WORKING OF PATENTED INVENTIONS

ELECTRICAL ENGG. LIST NO. VI.

The following Patents in the field of Electrical Engineering Industry are not being commercially worked, in India, as admitted by the Patentees in the statements filed by them under section 146(2) of Patents Act 1970 in respect of calender year 1983 generally on account of want of requests for licenecs to work the Patented inventions. Persons who are interested to work the said patents commercially may contact the Patentees for the grant of a licence for the purpose.

Sl. No.	Patent No.	Date of Patent	Name of the Patentees.	Title of the invention.
1	2	3	4	5
1.	148893	1-10-1977	N. V. PHILIPS' GLOEILAMPEN-FABRIEKEN, Emmasingel 29, Eindhoven (Holland).	Low-pressure sodium vapour discharge lamp.
2.	148894	27-10-1977	SIEMENS AG. Berlin & Munich, West Germany.	Improvements in or relating to tunable stabilised oscillator circuits.
3.	148981	24-4-1978	USHIO DENKI KABUSHIKI KAISHA 6-1, Otomachi, 2-chome-Asahi, Tokai, Bldg. 19 th floor chiyo.	Rare gas discharge lamp.
4.	148982	24-4-1978	Do.	Discharge lamo.
5.	149006	8-5-1978	IMI MARSTON LTD., Wobaston Road, Fordhouses, Wolver hampton, WV 10, 68J, England.	An impressed current corrosion protection anode.
6.	149030	24-2-1979	UNION CARBIDE INDIA LTD., 1, Middleton street, Calcutta, 700071, West Bengal, India.	An improved electric flash light.
7.	149034	17-3-1978	KRAFTWERK UNION AG. 4330, Mulheim Ruhr, Wiesenstr, 35, F.R.G.	A method of bracing winding end turns of an electric machine.
8.	149161	2-1-1978	SIEMENS AG. Berlin & Munich, West Germany.	Assembly for receiving a plurality of printed circuit boards.
9.	149174	31-8-1978	Do.	Rotors for asynchronous electrical machines.
10.	149233	5-3-1979	PEICO ELECTRONICS & ELECTRICALS LTD., Shivsagar, Estate, Block A, Dr. Annie Besant Road, Worli, Bombay-400019, Maharashtra, India.	An improved drive system for tunings in frequencies in a radio.
11.	149260	31-1-1979	BURROUGHS CORPORATION OF BURROUGHS PLACE, Detrioit Michigan, 48232, U.S.A.	Full dupliexe driver/receiver .
12.	149273	20-12-1977	WESTINGHOUSE ELECTRIC CORPORATION, of Westinghouse bldg.Gateway, center, Pittsburgh, Pennsylvania, 15222, U.S.A.	Apparatus for protection against subsynchronous currents in a power system.
13.	149274	20-12-1977	Do.	Apparatus for providing a singnal responsive to subsynchronous current flowing in an electrical power system.
14.	149337	7-7-1978	MINNESOTA MINING AND MANUFACTURING COMPANY,3M Center, Saint Paul, Minnesota-55101, U.S.A.	A device or separating & positioning individual wires of a multiple conductor cable.
15.	149354	2-1-1978	SIEMENS AG, Berlin & Munich, West Germany.	Control device for thyristor-fed D C, Motor.
16.	149355	31-1-1978	EDELAND, SIGNAL CORPORATION, At post office box-52430 Houston, Texas 77052, U.S.A.	A self-regulating power system.
17.	149358	15-3-1978	HITACHI LTD, 5-1, 1-chome, Marunouchi, Chiyodaku, Tokyo, Japan.	Electrically insulated windings.
18.	149401	31-8-1978	SIEMENS AG, Berlin & Munich, West Germany.	Apparatus & method for deposition of semi-conductor material.

1	2	3	4	5
19.	149412	13-4-1978	MASCHINENFABRIK RELNHAUSEN GEBRUDER SCHEUBECK GMBH, 8, Falkensteinstrasse, 8400, Regensburg, F.R.G.	Apparatus for causing stepwise switcding of tap switches of a tapped transformer.
20.	149452	8-6-1978	THE BI-MODAL CORPORATION, of 200 Railroad avenue, Greenwich, State of Connecticut, U.S.A.	Improvements in or relating to electric relay devices.
21.	149498	23-6-1977	MAILLEFER S. A. Route du . Bois, 1024, Ecublens, Canton of vaud, Switzerland.	Method & apparatus for manufacturing electric wire having wire enamel-type insulation.
22.	149499	23 6-1977	Do.	Method of manufacturing insulated electric wire of the enamelled wire type by extrusion.
23.	149514	14-12-1978	RCA CORPORATION, of 30 Rockefeller Plaza, New York, N. Y. 10020, U.S.A.	Improved passivating method for the production of an integrated circuit. device.
24.	149533	7-5-1979	BURROUGHS CORPORATION, of Burroughsplace, Detroit, Mohgan, 48232, U. S. A.	Device for automatic modification of rom content by a system selected-variable.
25.	149558	14-7-1978	SIEMENS AG. of Berlin & munich F. R. G.	Apparatus for bit error quota measurement in a digital transmission system.
26.	149575	28-2-1978	WESTING HOUSE ELECTRIC CORPORAION, of Westinghouse bldg. Gateway centre, Pittsburgh Pennsylvania, 15222, U. S. A.	Vaccum switch system for electrolytic cells.
27.	149671	21-2-1979	SIEMENS AG. Berlin & Munich, West Germany	An apparatus for transmission of telegraphic signals.
28.	149704	15-12-1978	YOKOGAWA ELECTRIC WORKS LTD. 9-32, Nakacho, 2-chome, Musashino-shi, Tokyo, Japan.	Servo system.
29.	149716	2-8-1979	BRAKES INDIA LIMITED, At pedi Madras-6000 050, Tamil Nadu.	An electric switch for direct current circuits.
30.	149830	25-7-1978	CHUGAI DENKI KOGYO KABUSHIKI KAISHA, of 13/3, Nihonbacho 2-chome, Chuo-ku, Tokyo Japan.	Apparatus for making tri-metallic electrical contact.
31.	149864	1-3-1979	DAIICHI DENSHI KOGYO KABUSHIKI KAISHA, 7-12, Joyogi, Shbuya-ku, Tokyo, Japan.	Miniature switch
32.	149928	15-7-1978	RANSOME HOFFMANN POLLARD LTD, New Street, Chelmsford, Essex CM1, 1 PU, England.	Improvements in mechanical assemblies particularly bearing assemblies employing a sensing means for sensing motion or position.
33.	149936	27-6-1978	HITACHI LTD, 4, 1-chome, Marunouchi, Chiyoda-ku, Tokyo, Japan.	Electric device and method of fabricating the same.
34	150021	25-4-1979	BURROUGHS CORPORATION, Burroughts place, Detroit, Michigan, 48232, U. S. A.	Magnetic buble memory device and in particular the arrangement of the storage and function in a magnetic array.
35.	150051	2-5-1978	THE ECHLIN MANUFACTURING CO., Echlin Road, U. S. A. Branford Connecticut, U. S. A.	A unitary magnetic wire device and a method of manufacturing the same.
36.	150118	13-6-1978	SOCIETE OF PARIS ET DU RBONE 36, Avenue Jean Mermoz, 69008, Lyon, France.	Multi-coil field magnets for electric motors.
37.	150119	13-6-1978	Do.	Electric starter for an internal combustion engine.
38.	150123	31-1-1979	N. V. PHILIPS GLOEILAMPEN FABRIEKEN, Emmasingel, Eindhoven, Netherlands.	High pressure sodium-vapour discharge lamp.
39.	150116	25-5-1978	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. Carel-Van Bylandtlaan 30, The Hague, The Netherlands.	Photogalvanic cell.

1	2	3	4	5
40.	150227	21-2-1979	SIEMENS AKITIENGESELLSCHAFT Berlin & Munich, West Germany.	Skin effect rotor for a dynamo electro machine.
41.	150253	23-5-1979	AVINASH SHRIKRISHNA VAIDYA, 122/3, Anurag Apartments, Erandona, Pune-411004, State of maharashtra, India.	A device for computuing the electrical values such as the impedance or reactance of a component in a circuit through which a current is flowing
42.	150290	23-11-1977	WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse Building, Gateway centre, Pitsburg, Pennsylvania 15222, U. S. A.	Bus duct plug-in assembly.
43.	150324	22-12-1979	VOEST-ALPINE AKTIENGESELLSCHAFT A, 1011 Vienna, Friedrichstrasse 4, Austria.	Device for controlling the position of a drift advancing machine.
44.	150351	13-12-1978	SIEMENS-ALB IS AKTTENGESELLSCHAFT Albistriedorstrasse, 245, 8047 Zurich, Switzerland.	Improvements in or relating to radar units for angular measurements.
45.	150371	24-7-1978	WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse Bldg, Gateway center, Pittsburgh, Pennsylvania 15222, U. S.A.	Current transformer.
46.	150381	18-4-1979	SIEMENS AG, Berlin & munich, West Germany.	Electrical switch gear.
47.	150469	27-12-1978	GRAY LESTER HALL, 249 kinsey Avenue, Kenmore, State of New York, New York 14217, U. S. A.	Apparatus for generating and radiating ultrasonic sound waves for the control of pests.
48.	150490	10-5-1978	WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse Bldg, Gateway center, Pittsburgh, Pennsylvania 15222, U. S. A.	Electrical apparatus such as capacitors containing dielectric.
49.	150500	20-2-1979	GARY C. FIELDS, 3825, Delmont Avenue Oakland, California, 94605, U. S. A.	A connection block for directly connecting a subscribers telephone equipment to a subscriber terminar end of a telephone service loop.
50.	150545	1-11-1978	THE BOBTEX CORPORATION LIMITED, 115, Montpellier Boulevard Montreal, Quebec, Canada.	Improvements in the manufacture of composite or multi component yarns.
51.	150546	18-11-1979	AMERICAN CYANAMID COMPANY WAYNE, New Jersey, U. S. A.	Improvements in electrochromic devices.
52.	150586	23-5-1979	AVINASH SHRIKRISHNA VALDYA, 122/3, Anurag, Apartments, Erandona, Pune 411004, State of Maharashtra, India.	A device for converting one of more electrical signals into an arcuate measurable mechanical movement.
53.	150601	22-1-1979	ASEA AKTIEBOLAG, a Swedish Company, Vasteras, Sweden.	Method of splicing a cable with an insulation of cross linked palyethylene or another cross liked polymer.
54.	150707	20-3-1979	WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse, Building Gateway Centre, Pillsbyrs, Pennsylvania, 15222, U. S. A.	Method of manufacturing semi-conductor devices and semi-conductor devices produced there by.
55.	150739	13-12-1978	HAZMEIJER B. V., of Tumdorpstreet 61, Hengalo, Netherlands.	Three phase vacum Swith or the link for intere upting an inductive load, in a three-phase high voltage.
56.	150744	3-2-1979	BURROUGHS CORPORATION BURROUGHS PLACE, detroit Michigan, 48232, U. S. A.	Magnetic bias field apparatus 126 A.
57.	150776	28-5-1980	BLURO PROJEKTOW PRZEMYSLU METAU NIEŻELAZNYCH, "BIPROMET", of Katowice, Poland.	Electric instllation for heating of molt on metals and/or salts and solutions.
58	150970	29-1-1979	IMPERIAL CHENICAL HOUSE MILLBANK, London, SWIP, 3F, England	Apparatus for selecting activatly a plurality of electrical loads at predetermined relative times -
59	151324	25-4-1980	PEICO ELECTRONICS ; ELECTRICALS LIMITED, Shivasagar, Estate, B'lock 'A' Annie Besant Road, Worli, Bombay 400 018	A circuit for automatically switching off power supply to a radio or television when the tuned signal goes off the air or is interupted and a radio or television having the same

RENEWAL FEES PAID

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140246 140694 140747 140784 141890 143240 143537 143709
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RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 143165 dated the 27th May, 1975 made by Saint-Gobain Industries on the 10th May, 1985 and notified in the Gazette of India, Part-III, Section 2 dated the 2nd September, 1985 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 143444 dated the 24th March, 1976 made by Council of Scientific & Industrial Research on the 5th February, 1985 and notified in the Gazette of India, Part-III, Section 2 dated the 22nd June, 1985 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 150849 granted to Ajay Metachem Private Limited for an invention relating to "process for making improved hot topping or anti-piping composition".

The patent ceased on the 11th December, 1984 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 4th January, 1985.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st May 1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 153363 granted to Smiths Industries Public Limited Company for an invention relating to "Apparatus for detecting the presence of liquid or other flowable substance and a detector system including said apparatus".

The patent ceased on the 25th October, 1985 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 21st December, 1985.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st May 1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 153486 granted to "NRM Corporation" for an invention relating to "Tire curing press and method".

The patent ceased on the 8th November, 1985 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 4th January, 1986.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st May 1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 153487 granted to NRM Corporation for an invention relating to "Hydraulic tire press".

The patent ceased on the 9th November, 1985 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 4th January, 1986.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st May 1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 153560 granted to Sport Australia (Export) Pty. Limited for an invention relating to "Method of treating a cricket bat to prevent or retard occurance of splits in the toe thereof and cricket bat so treated".

The patent ceased on the 19th November, 1985 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 4th January, 1986.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st May 1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1 Nos. 155862, 155863, 155864, 155865, 155866, 155867, Bharat Industries, Sardar V. P. Road, Janta Garden Chowk, Rajkot-360002,I Gujarat State, India, an Indian Partnership Firm. "Knife". 23rd July, 1985.

Class. 1. No. 155825. Delhi Metal Industries, 11355, 1st floor, Idgah Road, New Delhi-110055, India, an Indian Partnership Firm. "Double Door Stopper". 10th July, 1985.

Class. 3. Nos. 155766, 155767. Monsanto Chemicals of India Limited of Wakefield House, 11, Sprott Road, Ballard Estate, Post Box No. 584, Bombay-400038, Maharashtra State, India. "Container with Cap", 10th June, 1985.

Class. 3. No. 155902. Cello Plastic Industrial Works, Vakil Industrial Estate, Walbhat Road, Goregaon East, Bombay-400063, Maharashtra, India, an Indian Partnership Firm. "Salt & Pepper Container", 30th July, 1985.

Class. 3. No. 156454. Balaji Electronics, an Indian Partnership Firm, situated at 1-8-488/489, Chikkadpally, Hyderabad (A.P.), India. "Automatic Voltage Stabilizer". 23rd December, 1985.

Class. 3. Nos. 155857, 155858. Bharat Industries, Sardar V. P. Road, Janta Garden Chowk, Rajkot-360002, Gujarat State, India, an Indian Partnership Firm. "Handle of Knives". 23rd July, 1985.

Class. 3. Nos. 155769, 155770. The English Electric Company of India Limited, an Indian Company, of P.O. Box No. 2, Pallavaram, Madras-600043, Tamil Nadu, India. "Busbar Support". 12th June, 1985.

Class. 3. No. 155771. The English Electric Company of India Limited, an Indian Company of P. O. Box No. 2, Pallavaram, Madras-600043, Tamil Nadu, India. "Single Pole Power Contact Assembly". 12th June, 1985.

Class. 3. No. 155772. The English Electric Company of India Limited, an Indian Company of P. O. Box No. 2, Pallavaram, Madras-600043, Tamil Nadu, India. "Control Contact Assembly". 12th June, 1985.

Class. 3. No. 155773. The English Electric Company of India Limited, an Indian Company of P. O. Box No. 2, Pallavaram, Madras-600043, Tamil Nadu, India, "3-Pole Power Contact Assembly". 12th June, 1985.

Class. 3. Nos. 155803, 155804. Innovative Surgical Products, Inc., a California Corporation having a place of business at 1201 E, Waksham, Santa Ana, California 92705, United States of America. "Passive Surgical Drain". 3rd July, 1985.

Class. 3. No. 155965. Malik Industries, A-17, Saraf Kaskar Industrial Estate, S. V. Road, Jogeshwari (West), Bombay-400 102, Maharashtra State, India, an Indian Partnership Firm. "Bangle Box". 20th August, 1985.

Class. 3. No. 155960. Metal Box p.l.c., of Queens House, Forbury Road, Reading RG-1 3JH, England, a British Company. A "Container". Reciprocity date is 12th February, 1985. (U.K.)

Class. 3. No. 155961. Metal Box p.l.c., of Queens House, Forbury Road, Reading RG1 3JH, England, a British Company, a "Container with Handle", Reciprocity date is 12th February, 1985 (U.K.).

Class. 3. No. 155967. Malik Industries, A-17, Saraf Kaskar Industrial Estate, S. V. Road, Jogeshwari (West), Bombay-400102, Maharashtra State, India, an Indian Partnership Firm. "Mangal Sutra Box", 20th August, 1985.

Class. 3. No. 155854. Navbharat Radio Agency, 350, Lamington Road, Bombay-400007, State of Maharashtra, India, an Indian Partnership Firm "Transistor", 19th July, 1985.

Class. 3. No. 155903. Cello Plastic Industrial Works, Vakil Industrial Estate, Valbhat Road, Goregaon East, Bombay-400063, Maharashtra, India, an Indian Partnership Firm. "Water Bottle', 30th July, 1985.

Class. 3. No. 156053. Health Products, 363, Kaliandas Udyog Bhavan, Century Bazar Lane, Worli, Bombay-400018, Maharashtra State, India, an Indian Sole Proprietory Firm. "Container". 17th September, 1985.

Class. 3. 155855. Navbharat Radio Agencies, 350, Lamington Road, Bombay-400007, Maharashtra, India, an Indian Partnership Firm. "Television Set". 23rd July, 1985.

Class. 3. No. 155856. Navbharat Radio Agencies, 350, Lamington Road, Bombay-400007, Maharashtra, India, an Indian Partnership Firm, "Transistor". 23rd July, 1985.

Class. 3. No. 155834. Cona Industries, A-46, Nand Kishore Industrial Estate, 2nd floor, near Paper Box, Andheri East, Bombay-400093, State of Maharashtra, India, manufacturers and merchants, an Indian Sole Proprietory Firm. "Ceiling Roase". 15th July, 1985.

Class. 3. No. 155835. Cona Industries, A-46, Nand Kishore Industrial Estate, 2nd floor, near Paper Box, Andheri East, Bombay-400093, State of Maharashtra, India, manufacturers and merchants, an Indian Sole Proprietory Firm. "Electric Flush Indicator". 15th July, 1985.

Class. 3. No 155836. Cona Industries, A-46, Nand Kishore Industrial Estate, 2nd floor, near Paper Box, Andheri East, Bombay-400093, State of Maharashtra, India, manufacturers and merchants, an Indian Sole Proprietory Firm, "Electric Switch, Socket, Fuse, Indicator five in one". 15th July, 1985.

Class. 3 No. 155837. Cona Industries, A-46, Nand Kishore Industrial Estate, 2nd floor, near Paper Box, Andheri East, Bombay-400093, State of Maharashtra, India, manufacturers and merchants, an Indian Sole Proprietory Firm, "Electric Switch Socket Combined". 15th July, 1985.

Class 3. No. 155886. Ahmed Oomerbhoy, trading as Ahmed Mills, Ahmed Ooomer Street, Two Tanks, Bombay-400 008, Maharashtra State, India, an Indian Partnership Firm. "Bottle', 23rd June, 1985.

Class. 3. No. 155921. Vimal Time, B-11, Himmat Apartments, Dr. Rajendra Prasad Road, Mulund (West), Bombay-400080. Maharashtra State, India, an Indian Firm, Registered under the Indian Partnership Act. "Frame with the clock fitted inside". 6th August, 1985.

Class 4 No. 155974 Kedar Nath Gupta, an Indian National of M/s. N. Gupta & Co., 104, Beadon Street, Calcutta-6, West Bengal, India. "Container". 21st August, 1985.

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